

ROSANNA 'PINKIE' RHS., FCC.

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**SHAFER'S**  
**TROPICAL**  
**GARDENS**

P. O. BOX 368  
CAPITOLA, CALIFORNIA

*Shaffer's*  
*Orchids*  
1958



# Cymbidium Seedlings

Size	Price per each	Price per 10	Price per 100
6" to 10" leaf length.....	\$2.00.....	\$17.50.....	\$150.00
12" to 18" leaf length.....	\$3.50.....	\$30.00.....	\$250.00
1 bulb and growth.....	\$6.00.....	\$55.00.....	\$500.00

## COLOR EXPECTANCY—GREEN

### ALEXANDERI 'WESTONBIRT' FCC., RHS. X ADARISSA 'PERIDOT'

The Adarissa used here has long, arching sprays of well shaped flowers of heavy texture in a fine clear green. Crossed with Alexanderi 'Westonbirt' should produce well shaped flowers in various tones of green. Sizes 12" - 18" 1 bulb and growth.

### BLUE PACIFIC (Blue Smoke 'Green Meadow' X Miretta 'Long lip')

This cross of two fine greens is expected to produce long arching sprays of 20 to 24 flowers with dark red lip. Size bulb and growth.

## COLOR EXPECTANCY—GREEN AND LIGHT YELLOWS

### ALMERALDA (Esmeralda 'Dorothy' X Alexanderi 'Westonbirt' FCC., RHS.)

Esmeralda 'Dorothy' is a green color of fairly large shape. Cross will give light yellow, some greens and some whites. Very nice flowers. Sizes 12" - 18"; 1 bulb and growth.

### CALIFORNIA (Alexanderi 'Westonbirt' FCC., RHS. X Blue Smoke 'Beverly Glen' C Bronze)

The Blue Smoke used here is undoubtedly one of the finest greens seen to date and is a Bronze Medal winner. It has a fine lip and is a heavy bloomer. Will produce light to medium greens and yellows. Sizes 12" - 18"; 1 bulb and growth.

### GWEN SHERMAN (Alexanderi 'Westonbirt' FCC. RHS. X Miretta 'Glendessary')

This is a remake using Alexanderi 'Westonbirt' as the pod parent this time. This Miretta won best seedling in the show in Santa Barbara in 1950 and later received a Bronze Medal from the Cymbidium Society, Inc. that year. It is a beautiful large clear green with a crimson lip. Colors are light greens, yellows and possibly a few whites. Sizes 12" - 18"; 1 bulb and growth.

### JADE (Pearl 'Mastiff' X Alexanderi 'Westonbirt' FCC., RHS.)

Another proven good cross and a strong grower. Clear pastel colors. Yellows, light greens and some whites. Sizes 1 bulb and growth

### OREAD X ALEXANDERI 'WESTONBIRT' FCC., RHS.

Oread is a very fine green similar to a good Claudona. It usually has twenty or more flowers nicely spaced on the spike. With Alexanderi 'Westonbirt' the cross should produce good shaped flowers in light green, some yellow and a few white or light creams. Sizes 12" - 18"; 1 bulb and growth.

### ALEXANDERI 'WESTONBIRT' FCC., RHS. X CLAUDONA 'RAJA' FCC., RHS.

Colors should be mainly yellows. Shape and substance excellent with many flowers per spike. Sizes 12" - 18"

### PEARL (Grandiflorum X Alexanderi 'Westonbirt' FCC., RHS.)

Light greens and yellows in this remake of a very fine cross using the Tetraploid form of Alexanderi. Sizes 12" - 18" 1 bulb and growth

### ERICA SANDERS X MIRETTA 'GLENDESSARY'

Good clear green color with lots of flowers. Size 1 bulb and growth.

## COLOR EXPECTANCY—YELLOW, CREAMS

### RADAK 'GOLD' X ALEXANDERI 'WESTONBIRT' FCC. RHS.

This Radak is owned by Paul Weber of West Los Angeles. It has clear yellow flowers, nicely spaced on a long, arching spray. We expect deep and light yellows and some whites. Sizes 12" - 18"; 1 bulb and growth



# *Cymbidium Seedlings*

COLOR EXPECTANCY—PINK AND ROSE

**ROSEMARY UPTON (Verona 'deep red' X Alexanderi 'Westonbirt', FCC. RHS.)**

We feel that this cross is one of the best that we have to offer in pink. Vigorous growth is already apparent and as in most triploids good size and uniformity of habit will result. We anticipate light and deep pinks with a few whites.

Sizes 12" - 18"; 1 bulb and growth

**BABYLON 'CARPENTIER' X MAYFAIR (RED)**

The predominating color here should be rose to red. Sizes 12" - 18"

**MAYFAIR 'SULTAN' X PRINCE CHARLES 'JOSIAH', HCC., ODC.**

Many fine rose and pink flowers can be expected from this cross. Size 12" - 18"

**CERES X BALKIS 'MONTECITO'**

This cross should produce many of the pastel shades tones which are so popular.

Sizes 12" - 18"

**BRITA X PRINCE CHARLES 'EL RETIRO'**

Here again the color should be in the lighter shades with the possibility of some rose tones. Sizes 12" - 18"

**CLEO SHERMAN (Babylon 'Castlehill' FCC., RHS. X Alexanderi 'Westonbirt' FCC., RHS.)**

Two of the outstanding Tetraploid breeders of our time. Progeny will be mostly Tetraploid in pink and white. Many of stud quality should result.

Sizes 12" - 18" at \$7.50 each; 1 bulb and growth at \$15.00.

**FANTASIA (SUSETTE X BABYLON 'CASTLE HILL' FCC., RHS.)**

We believe this remake of Fantasia will be far superior to the previous cross because of the influence of the 'Castle Hill' parent. Outstanding pinks with highly colored lips should prevail. Size 6" - 10"

**ALRITA (ALEXANDRI 'WESTONBIRT' FCC., RHS., X RIO RITA 'RADIANT' FCC., RHS.)**

A remake of a very fine cross using the best parents on both sides. Size 6" - 10"

**CHESHAM 'GREEN VALLEY' X BABYLON 'CASTLE HILL' FCC. RHS.**

Rose and dusty rose with some greens possible. Will be similar to a fine Tinsel. Size 6" - 10".

**REDWOOD X RIO RITA 'RADIANT'**

An attempt to improve on the shape of Redwood for Christmas Pinks. Sizes 6" - 10"

COLOR EXPECTANCY—WHITE

**ALEXANDRI 'WESTONBIRT' FCC., RHS. X Tanager**

Tanager is Louis Sander X Flamingo 'Nobilior', a very fine white registered in 1953 by Dr. Wm. Stirling of Cheshire, England. This cross should produce many exceptionally fine whites as well as white flushed with pink. Sizes 12" - 18"; 1 bulb and growth.

**DICKINSON'S WHITE X ALEXANDRI 'WESTONBIRT' FCC., RHS.**

The pod parent is an outstanding pure white concolor. The flowers are medium size, Should produce a large percentage of fine whites. The seedlings are vigorous growers, many of them growing to 8 inches in less than a year from the flask. We feel this to be our top cross in white seedlings. Sizes 12" - 18"; bulb and growth

**BALKIS (ALEXANDRI 'WESTONBIRT' FCC. RHS. X ROSANNA 'PINKIE' FCC. RHS.)**

This is a remake of one of the truly fine crosses made to date. Both parents are Tetraploids. Size 6" - 10" at \$3.50 each.

COLOR EXPECTANCY—RED

**DORIS AUREA X CLARISSA 'ALMYRA'**

Two very fine reds were used in this cross. We feel that this is one of the best potentials for good dark reds. Sizes 12" - 18"; 1 bulb and growth

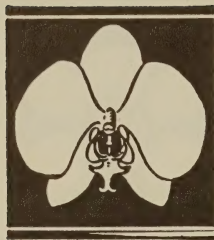
**MAYFAIR X RUANDA**

Possibilities of a great improvement on the shape of the present reds. Sizes 12" - 18"; 1 bulb and growth

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We have divisions and back bulb propagations of many of the finest American and Australian Hybrid Cymbidiums. We will be happy to quote prices if you will drop us a line letting us know your wants.





# Phalaenopsis Seedlings

Pot Size	Price each	Price per 10
1 1/2"	\$ 1.25	\$ 11.50
2 1/2"	\$ 2.50	\$ 22.50
3"	\$ 4.00	\$ 35.00
4"	\$ 6.50	\$ 60.00
5"	\$10.00	\$ 90.00
6"	\$12.50	\$110.00
8"	\$15.00	\$125.00

## PINK

### 38—PINK GLORIANA

A nice pink. Mature plants should have showers of blooms up to 100 on a spike, medium size. Sizes 5", 6", and 8" pots.

### 40—GLORIANA

Nice round, compact, deep pink flower. Schilleriana type. Size 5", 6", and 8" pots.

### 41—AALSMEER ROSE

Fine, light to dark, pink flowers. Early bloomers. Sizes 5", and 6" pots.

## WHITE

### 46—WINGED VICTORY

We selected two of our finest Winged Victory for this cross. Long spikes of heavy textured flowers. Excellent commercial flower. Sizes 5", and 6" pots.

### 57—GRACE PALM

Larger than No. 60 and a little more open flower. Sizes 5", and 6" pots.

### 58—WHITE CHIEF

Flowers of both parents were large for seedlings, being 4 3/4" x 4 5/8"

The petals of both overlapped the dorsal sepal and Chieftain was of very heavy texture. Sizes 4", 5" and 6" pots.

### 60—GRACE PALM

A vigorous grower of fine commercial quality flowers. Sizes 6" and 8" pots.

### 65—CHIEF TUCKER

Previous crosses of these two parents have given excellent results. Large and full. Sizes 5" and 6" pots.

### 66—MARIA (DIANE CLARE 'QUEEN X DORIS 'FINE')

Both parents round, overlapped flowers of heavy substance. Sizes 4", 5" and 6" pots.

### 67—GRACE PALM

We used the same Winged Victory 'Cobra' in this cross that we used in our very successful No. 60. Sizes 4", 5", and 6" pots.

### 69—WINGED VICTORY 'ADMIRAL' BRONZE CERT. ODC. '56 X SELF

Our very best Winged Victory selfed. Sizes 4", 5" and 6" pots.

### 73—CHIEF TUCKER NO. 2 X SELF

Our very finest Chief Tucker selfed. Sizes 4", 5" and 6" pots.

### 75—JUANITA (CHIEF TUCKER NO. 1 X GRACE PALM NO. 1)

A definite advancement in Phalaenopsis breeding. Both parents 1/2 Doris. 4" \$12.50; 5" \$20.00, and 6" \$25.00 each.



# *Phalaenopsis Seedlings*



**76—RAMONA (TOMMY TUCKER 'MONARCH' AM., AOS. & SC., ODC. X MEM. NASU TOMAGUCHI NO. 1)**

Has been producing large, round flowers of very heavy substance. Sizes 4", 5" and 6" pots.

**88—DOLORES (CHIEF TUCKER NO. 3 X MEM. NASU TOMAGUCHI NO. 2)**

Again fine breeding with Doris hybrids for finer quality from selected stock. Sizes 1½", 2½", 3", 4", 5", and 6 pots.

**93—FAIRWAY PARK (TOMMY TUCKER 'MONARCH' A. M., AOS. X WINGED VICTORY 'ADMIRAL' BC., ODC.)**

Tommy Tucker 'Monarch' was awarded a Silver Certificate in January 1956 with 84.5 points. It also carries an AM., AOS. The other parent is Winged Victor 'Admiral' Bronze Certificate ODC.

Sizes 2½", 3", 4", and 5" pots.

**94—BENITA (WINGED VICTORY 'ADMIRAL' BC., ODC. X MEM. NASU TOMAGUCHI No. 2)**

A very fine white of overlapping petals and large size expected. Sizes 3", 4" and 5" pots.

**136—AALSMEER ROSE X MEM. NASU TOMAGUCHI**

A very nice deep pink Aalsmeer Rose was used on a white with heavy substance and pink flush on the back. Expect medium colored pinks with good shape. Size 1½".

## THE FOLLOWING CROSSES WILL BE AVAILABLE JUNE 1, 1958

**137—GRACE PALM 'PINK LIP' X SALLY LOWREY**

This cross will give very nice white flowers with red lip, long, arching sprays of medium sized flowers. Size 1½" pot.

**143—HOLLYWOOD (GRACE PALM X TOMMY TUCKER 'MONARCH')**

The Grace Palm used was one of our own very fine No. 60's, crossed on Tommy Tucker 'Monarch AM., AOS. It should produce some very fine flowers. Size 1½".

**147—GRACE PALM NO. 10 X ROSEA**

A heavy textured Grace Palm crossed on a small white Phalaenopsis with dark pink lip. Rosea is one of the parents of the now famous Sally Lowrey. We are expecting some nice white flowers with colored lip. Sizes 1½" and 2½".

**148—GRACE PALM X MANII**

The same good Grace Palm was used here with a yellow barred Phalaenopsis. Sizes 1½"—\$1.50 each.

**193—GRACE PALM**

A remake using the same Winged Victory 'Cobra' that we used in No. 60 crossed with a considerably finer Doris than the one previously used. Should give some very fine flowers. Sizes 1½" and 2½".

**202—GRACE PALM NO. 5 X GRACE PALM NO. 2**

We used two of our most outstanding No. 60's for this cross. Size 1½"

# Orchids in 500cc Flasks

AVAILABLE SPRING 1958

Our 1958 Flask list has been included in our catalog because so many people have asked about them. Our list this year is one of the best offered anywhere in *Phalaenopsis* and *Cymbidiums*. They will be available about May 1st 1958 and will continue to be available until sold or planted out in June or July 1958.

May we suggest that if you are interested please forward a \$10.00 deposit for each flask desired.

Shipments are made in special boxes via Air or Rail Express, F. O. B., Santa Cruz, California

## *Phalaenopsis*

### CROSS NO. 229

**TOMMY TUCKER 'MONARCH' AM, AOS., SC, ODC. X GRACE PALM 'SANTA CRUZ AM, OAS, SC, ODC.**

This will be a very beautiful white, Both parents were awarded by the American Orchid Society and the Orchid Digest Corporation.

Should produce long, arching sprays of overlapping white, 4½ to 5 inches across.

### CROSS NO. 57-31

**CHIEF TUCKER NO. 2 X DORIS**

Both of these plants were large and overlapped of excellent quality. These seedlings will be three-quarters Doris, as Chief Tucker is half Doris. Should be an outstanding flower of heavy substance.

### CROSS NO. 57-33

**DORIS 'CAPITOLA' X DORIS 'BLYTH'**

These were two of the finest Dorises we have ever seen. They were 4½ inches across of very round heavy substance, with a long spray of twenty-two flowers. If you are looking for stud Doris plants, they should come from this cross.

### CROSS NO. 57-36

**DOS PUEBLOS (DORIS 'JEAN' X GRACE PALM 'GIGANTIC').**

Neither of these plants have ever been shown. The Doris 'Jean' is the finest we have in our collection. It was 4¾ inches across of very heavy substance and overlapped. We expect to show this during the coming year. Grace Palm 'Gigantic' was 5½ inches, a round flower on an extremely long stem. This cross makes Dos Pueblos.

**\$35.00 Per Flask**

**3 Flasks for \$100.00**

### A PERSONAL INVITATION

Whenever you are in Santa Cruz—75 miles south of San Francisco—we would be happy to meet you personally and show you our stock. We are open every day, including Sunday, from 9 A. M. to 5 P. M.

To reach the Tropical Gardens, take the Santa Cruz-Watsonville Freeway Highway No. 1 from Santa Cruz to 41st Avenue and turn toward the ocean 1 mile.



# Cymbidiums

## 149—INDIO 'TORCH' (A fine red) X ALEXANDERI 'WESTONBIRT' FCC/RHS.

Will give fine pastel pinks and rose for the finest of cut flowers. A Triploid cross.

## 152—ALEXANDERI 'WESTONBIRT' FCC/RHS SELFED

This will make a very fine white and blush pink Alexanderi. Many Tetraploids will result, with good stud stock possibilities.

## 162—JOAN OF ARC (ALEXANDERI 'WESTONBIRT' FCC/RHS X BALKIS)

The Balkis used here was one of the finest we have ever seen, bar none. Mostly whites, with some light pinks. Both parents Tetraploids.

## 163—CLEO SHERMAN (ALEXANDERI 'WESTONBIRT' FCC/RHS X BABYLON 'CASTLE HILL' FCC/RHS)

Should give pinks and whites, with bright colored lip. Both parents are Tetraploid and large flowers will result.

## 164—INDIO 'TORCH' X BABYLON 'CASTLE HILL' FCC/RHS

A dark red Diploid crossed with the finest rich pink Tetraploid available. Should be extra fine pink to deep rose.

## 185—MAYFAIR 'VALLEMAR' X BABYLON 'CARPENTIER'

The best Mayfair seen yet, deep rose and large, crossed with Carpentier's variety of Babylon. This variety gives 24-26 flowers per spike and is pink. Results should be excellent pink and rose for cut flowers. Triploid cross.

## 186—BABYLON 'CARPENTIER' X BABYLON 'CASTLE HILL' FCC/RHS

This is a breeder's cross. Looking for 1 or 2 improved Tetraploid Babylons for stud work.

## 188—MAYFAIR 'VALLEMAR' X BABYLON 'CASTLE HILL' FCC/RHS

Same as No. 185, except possibly larger flowers, but not so many per stem.

## 203—BABYLON 'CASTLE HILL' FCC/RHS X APOLLO 'EXBURY' FCC/RHS

Should be a fine pink flower, with a most outstanding red lip. A few yellows and greens may result. A Triploid cross for quality cut flowers.

**\$35.00 Each**

**3 for \$100.00**

## CYMBIDIUM PLANT INTRODUCTORY SPECIAL

ALEXANDERI WESTONBIRT FCC., RHS., HYBRIDS—ASSORTED COLORS

All labeled—12" to 18" high—3 years old

Shipped bare root out of beds—ready for 6" pots

**SPECIAL— 10 for \$25.00 —SPECIAL**

## SHIPPING INSTRUCTIONS

Packing is free of charge for all plants listed here. Prices F. O. B. Santa Cruz, California, in U. S. Dollars. In California, add 4% state sales tax.

In order to avoid unnecessary delays and misunderstandings, please specify clearly method of shipment. Otherwise, shipment will be made via Railway Express collect. We recommend that all shipments east of the Mississippi and to foreign countries, be made by Air.

California purchasers will be pleased to learn that their plants will not be delayed for inspection on arrival in any County in California except Ventura, and Tulare Counties, which are not yet in the "Pinto Tag" program. The "Pinto Tag" on your shipment certifies that our greenhouses have been California State inspected and certified clean.

# Orchid Spoonit

## FOR ORCHIDS IN FIR BARK



### ORCHID SPOONIT (30-10-10, PLUS CHELATED IRON)

A highly concentrated, soluble fertilizer for Orchids growing in Bark. Nitrogen is in three forms . . . Nitrate (3%) and Ammonic (3%), and Organic Nitrogen (24%) to assure long-lasting effect. Phosphoric Acid (10%) is in a completely soluble form, as is also potash. Potash (10%) is derived from Nitrate of Potash and is in a form that will assure a low Chlorine level. CHELATED IRON is in a form that will assure soluble iron regardless of pH of water supply.

ORCHID SPOONIT is quickly and completely soluble and is to be used only in solution . . . NOT IN DRY FORM. Use at rate of one teaspoonful to a gallon of water, or two cupfuls in 100 gallons of water EVERY 15 DAYS.

QUANTITY	PRICE	SALES TAX (Calif. only)	SHIPPING WEIGHT (For Postage)
1 lb.	\$1.25	.05	2 lbs.
2½ lb.	2.50	.10	3 lbs.
10 lbs.	8.00	.32	13 lbs.
25 lbs.	16.00	.64	27 lbs.

PLEASE ADD POSTAGE TO ORDER

## HYDROMIX *Automatic Fertilizer*



### The new invention that does Fertilizing Chores Automatically!

Here's the sensational new aid that has revolutionized Fertilizing. The HYDROMIX AUTOMATIC FERTILIZER attaches to ANY faucet, hose or sprinkler system in one simple, 30 second operation. Then all you do is let this amazing invention handle your Fertilizing chores for you safely, quickly, **Automatically**. Made from strong, durable plastic and reinforced with a brass hose connector —the HYDROMIX AUTOMATIC FERTILIZER is especially designed for use with soluble orchid fertilizers. It mixes scientifically and accurately one part of concentrated chemicals to 100 parts of water—under any average water pressure —without danger of feedback.

The HYDROMIX AUTOMATIC FERTILIZER works with any hose nozzle, sprinkler or plastic soaker and may be attached at the house water faucet, between lengths of hose or at the end of the hose. When used with HYDROMIX insecticides it's practically as good as a power sprayer.

HYDROMIX AUTOMATIC FERTILIZER—\$3.95 each

CALIFORNIA FIR BARK—Two cubic foot sacks \$2.50 F.O.B. Santa Cruz

# SHAFER'S

TROPICAL GARDENS, INC.

1220 41st Avenue Santa Cruz, California

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